

WHAT IS CLAIMED AS NEW AND DESIRED TO BE SECURED BY LETTERS
PATENT OF THE UNITED STATES IS:

Sul C1 1. A thermoplastic coating and binding agent containing a non-homogeneous mixture of, based on 100% by 5 weight of A and B:

10 A) 5-95% of a thermoplastic acrylic plastic with a melting temperature above room temperature and below 200°C, a glass transition temperature below 120°C, and a melt viscosity of 1,000 to 1,000,000 Pa·sec at the melting temperature; and

15 B) 95-5 wt% of a flow improver, which, at room temperature, is not compatible with the thermoplastic acrylic plastic, has a melting temperature above room temperature but below 200°C, a molecular weight under 20,000 d, and a melt viscosity below 100 Pa·sec at the melting temperature of the acrylic plastic.

Sul C2 20 2. The thermoplastic coating and binding agent according to Claim 1, which is solidified from a melt thereof.

25 3. The thermoplastic coating and binding agent according to Claim 1, wherein the thermoplastic acrylic plastic A is a copolymer of esters of acrylic and/or methacrylic acid.

4. The thermoplastic coating and binding agent according to claim 2, wherein the thermoplastic acrylic

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plastic A is a copolymer of esters of acrylic and/or
methacrylic acid.

C3
5 5. The thermoplastic coating and binding agent
according to Claim 3, wherein the thermoplastic acrylic
plastic A is a copolymer of alkyl esters of acrylic and/or
methacrylic acid and functional comonomers with covalently
bound cationic groups.

C4
10 6. The thermoplastic coating and binding agent
according to Claim 4, wherein the thermoplastic acrylic
plastic A is a copolymer of alkyl esters of acrylic and/or
methacrylic acid and functional comonomers with covalently
bound cationic groups.

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15 7. The thermoplastic coating and binding agent
according to Claim 5, wherein the thermoplastic acrylic
plastic A is a copolymer of 5 to 99 wt% alkyl esters of
acrylic and/or methacrylic acid and 95 to 1 wt% aminoalkyl
esters or aminoalkylamides of acrylic and/or methacrylic
acid or their salts or quaternary ammonium compounds
thereof.

20 8. The thermoplastic coating and binding agent
according to Claim 6, wherein the thermoplastic acrylic
plastic A is a copolymer of 5 to 99 wt% alkyl esters of
acrylic and/or methacrylic acid and 95 to 1 wt% aminoalkyl
esters or aminoalkylamides of acrylic and/or methacrylic
25 acid or their salts or quaternary ammonium compounds
thereof.

Sul C5

9. The thermoplastic coating and binding agent according to Claim 1, wherein flow improver B is a fatty alcohol, a fatty acid, an ester of of a fatty alcohol and a fatty acid, a sugar, an ester thereof, a fatty acid mono-, di-, or triglyceride, a polyethylene glycol, a fatty acid ester or fatty alcohol ether thereof, a wax, or mixtures of any of the above.

10. The thermoplastic coating and binding agent according to Claim 2, wherein flow improver B is a fatty alcohol, a fatty acid, an ester of of a fatty alcohol and a fatty acid, a sugar, an ester thereof, a fatty acid mono-, di-, or triglyceride, a polyethylene glycol, a fatty acid ester or fatty alcohol ether thereof, a wax, or mixtures of any of the above.

15 *Sul C6*

11. The thermoplastic coating and binding agent according to Claim 3, wherein flow improver B is a fatty alcohol, a fatty acid, an ester of of a fatty alcohol and a fatty acid, a sugar, an ester thereof, a fatty acid mono-, di-, or triglyceride, a polyethylene glycol, a fatty acid ester or fatty alcohol ether thereof, a wax, or mixtures of any of the above.

12. The thermoplastic coating and binding agent according to Claim 4, wherein flow improver B is a fatty alcohol, a fatty acid, an ester of of a fatty alcohol and a fatty acid, a sugar, an ester thereof, a fatty acid mono-, di-, or triglyceride, a polyethylene glycol, a fatty acid

ester or fatty alcohol ether thereof, a wax, or mixtures of any of the above.

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5 13. The thermoplastic coating and binding agent according to Claim 5, wherein flow improver B is a fatty alcohol, a fatty acid, an ester of of a fatty alcohol and a fatty acid, a sugar, an ester thereof, a fatty acid mono-, di-, or triglyceride, a polyethylene glycol, a fatty acid ester or fatty alcohol ether thereof, a wax, or mixtures of any of the above.

10 14. The thermoplastic coating and binding agent according to Claim 6, wherein flow improver B is a fatty alcohol, a fatty acid, an ester of of a fatty alcohol and a fatty acid, a sugar, an ester thereof, a fatty acid mono-, di-, or triglyceride, a polyethylene glycol, a fatty acid ester or fatty alcohol ether thereof, a wax, or mixtures of any of the above.

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15 15. The thermoplastic coating and binding agent according to Claim 7, wherein flow improver B is a fatty alcohol, a fatty acid, an ester of of a fatty alcohol and a fatty acid, a sugar, an ester thereof, a fatty acid mono-, di-, or triglyceride, a polyethylene glycol, a fatty acid ester or fatty alcohol ether thereof, a wax, or mixtures of any of the above.

20 16. The thermoplastic coating and binding agent according to Claim 8, wherein flow improver B is a fatty alcohol, a fatty acid, an ester of of a fatty alcohol and a

fatty acid, a sugar, an ester thereof, a fatty acid mono-,
di-, or triglyceride, a polyethylene glycol, a fatty acid
ester or fatty alcohol ether thereof, a wax, or mixtures of
any of the above.

Sul C9
5 17. An oral or dermal medicinal composition
containing a pharmaceutical active substance and the
thermoplastic coating and binding agent of Claim 2.

18. An oral or dermal medicinal composition
containing a pharmaceutical active substance and the
10 thermoplastic coating and binding agent of Claim 4.

19. An oral or dermal medicinal composition
containing a pharmaceutical active substance and the
thermoplastic coating and binding agent of Claim 6.

20. An oral or dermal medicinal composition
15 containing a pharmaceutical active substance and the
thermoplastic coating and binding agent of Claim 10.

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